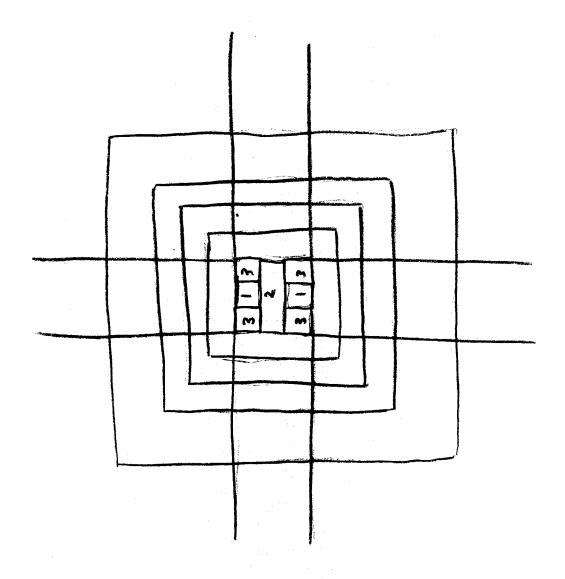
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	Paul:
	I've looked over the papers and reports you left with me re: Direct Image Viewer. It appears to me that there is precious little we can do that has not already been done (quite competently) by and reported in STATINTL their final report. About all we could possibly do would be to confirm some of their measurements. That is, we could insert resolution targets and read their values - and you already are aware of the resolution capabilities from your own tests.
	Those who've seen the instrument unanimously agree the design was good. Actually, because of the nature of the program, the design is better than we have a right to expect. The specifications are written loosly and the good design resulted from a consideration of integrity on the contractor's part. There is very little we could do in this areas for you other than to confirm what is patently obvious.
	As a piece of equipment, I have very few reservations about this one: it meets most of the requirements we set out to obtain, and because of the sort of program that it was, we can hold them to very little in the way of performance. Those critical areas of performance have been checked, and aprear to be satisfactory. My feeling is that we need no further tests (of an acceptance nature) before accepting the equipment and completing the contract, and I propose none.
	The real problem with this instrument is the grating. The grating meets specs, but is unacceptable because of the banding - something which is entirely subjective and caould not be specified against. The ruling method for gratings is eliminated by this grating - no such technique will ever be completely free of blaze, the prime cause of this banding. Our only hope presently lies in producing a grating in the laboratory which will be acceptable quality: then we can properly evaluate the viewer. I guess we've said this before.
STATINT	
STATINTL	So, after looking the situation over, I recommend that no additional tests be carried out on this instrument until we obtain a better grating. I submit that has carried out its work well and that we ought to close out the contract or whatever you want to do with it, without any
OIAIIIVIL	more engineering or scientific fanfare. It's up to us now to produce the better grating !
	6 June 1066

	GRATING COMMENTS
# 469	HAS YARIABLE DENSITY WAVES OVER
	VIEWING ATE
	RESOLUTION SATISFACTORY
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# 229	VISABLE SURFACE DEFECTS OVER
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# 469 plus # 22 d	7 DIFFICULT PROBLEM IN
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	Every could be early December, but will want if J. D. come out December (3 days stipping time)
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